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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,521	04/15/2004	Kenji Hayakawa	23512	8162
24932	7590	12/16/2004	EXAMINER	
LAUBSCHER SEVERSON			NGUYEN, PHUONGCHI T	
1160 SPA RD			ART UNIT	
SUITE 2B			PAPER NUMBER	
ANNAPOLIS, MD 21403			2833	

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/825,521

Applicant(s)

HAYAKAWA, KENJI

Examiner

Phuongchi Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 7-10 and 15 is/are rejected.
- 7) ☒ Claim(s) 6 and 11-14 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) ✓
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) ✓  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

**DETAILED ACTION*****Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-5, 7-10 and 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Uratsuji et al (US5320550).

In regarding to claim 1, Uratsuji et al discloses a socket for electrical parts comprising a socket body (4) formed with a mounting portion (5) on which an electrical part (1) is mounted (figure 11); a socket cover (21) installed vertically movable with respect to the socket body (4); a latch (12) that opens and closes, synchronized with an operation of the socket cover (21), that holds the electrical part (1) on the mounting portion (5) in a closed state (figure 10), and leaves the electrical part (1) open on the mounting portion (5) in an opened state (figure 8); and a latch operative mechanism (linking by the latch 12 and the cover 21) that opens and closes the latch (12), that opens the latch (12) in a state with the socket cover (21) pushed to a lowest position (figure 8), and closes the latch (12) with a rise of the socket cover (21) from the lowest position and moves the latch (12) relatively downward in association with the closing operation of the latch (12) (figure 9).

In regarding to claim 2, Uratsuji et al discloses the socket for electrical parts wherein the latch operative mechanism (linking by the latch 12 and the cover 21) comprises a support member (shaft 13) that supports the latch (12) vertically movable with respect to the socket body (4), and a lever member (15, 16) that operates the latch (12) when the socket cover (21) is raised from the lowest position.

In regarding to claim 3, Uratsuji et al discloses the socket for electrical parts further comprising an urging member (spring 24), which urges the support member (13) upwards (figures 14 and 15).

In regarding to claim 4, Uratsuji et al discloses the socket for electrical parts wherein the lever (15, 16) is positioned outside of the latch (12) in the socket body (4) (figure 1).

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In regarding to claim 5, Uratsuji et al discloses the socket for electrical parts wherein a point of pressure at which the lever member (15, 16) receives a force from the socket cover (21), moves away from a fulcrum of the lever member (15, 16) with a rise of the socket cover (21).

In regarding to claim 7, Uratsuji et al further discloses the socket for electrical parts comprising a socket cover (21) installed so as to surround the mounting portion (5) and be able to move between a highest position (as seen in figure 9) set at a relatively upper position with respect to the socket body (4), and a lowest position (as seen in figure 8) set downward from the highest position; and a latch operative mechanism (linking by the latch 12 and the cover 21) that opens and closes the latch (12) corresponding to a position of the socket cover (21).

In regarding to claim 8, Uratsuji et al further discloses the socket for electrical parts wherein a lever member (15, 16) disposed between the socket cover (21) and the support member (13) (figure 1), that moves the support member (13) downward, in association with the return of the socket cover (21) from the lowest position to the highest position (figures 14-15).

In regarding to claim 9, Uratsuji et al further discloses the socket for electrical parts wherein the latch operative mechanism (linking by the latch 12 and the cover 21) comprises a first shaft member (13) serving as the support member installed vertically (if the viewer rotates the housing 90° as seen in figure 1) movable with respect to the socket body (4), and the latch (12) rotates about a central axis of the first shaft member (13) to open and close (figures 14 and 15).

Claim 10 is rejected for the same reason of claim 4.

In regarding to claim 15, Uratsuji et al further discloses the socket for electrical parts comprising a socket body (4) formed with a mounting portion (5) on which an electrical part (1) is mounted; hold means (latch 12) for holding the electrical part (1) on the mounting portion (5) in a closed state, and leaves the electrical part (1) open on the mounting portion (5) in an opened state; drive means (socket cover 21) for opening and closing the hold means (latch 12); and an operating member (latch operative mechanism) which operates the drive means (cover 21), and the hold means (latch 12) is opened and

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closed by the drive means (cover 21) according to a position of the operating member latch operative mechanism), and the drive means (cover 21) opens the hold means (latch 12) when the operating member (latch operative mechanism) is at a first position, and positions the hold means (latch 12) at an opening position, and closes the hold means (latch 12) when the operating member (latch operative mechanism) is at a second position removed from the first position, and positions the hold means (latch 12) at a holding position relatively closer to the mounting portion (5) than the opening position.

***Allowable Subject Matter***

3. Claims 6 and 11-14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter:

In regarding to claim 6, the prior art fails to teach the socket for electrical parts wherein the latch and the latch operative mechanism are provided in the socket body on all sides of the mounting portion, so as to surround the mounting portion.

In regarding to claim 11, the prior art fails to teach the socket for electrical parts wherein the latch operative mechanism further comprises a second shaft member with a position thereof with respect to the socket body being fixed, and the lever member has a portion formed with a first hole, and a portion formed with a second hole of an elliptic shape longer in a direction perpendicular to a circumferential direction of the first hole, and the first shaft member is inserted in the second hole, and the second shaft member is inserted in the first hole.

5. Uratsuji et al (US5320550), Yan et al (US6447322), Yamamoto et al (US6267603), Volz et al (US6493237), Ogura Shigeru (US6739894), Hachuda Osamu (US6776641), Uratsuji Kazumi (US5374197) and Yamamoto et al (US6267603) are cited to show the socket for the electrical part comprising the latch with the mounting portion and base.

***Conclusion***

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

November 22, 2004.

  
**ROSS GUSHI**  
**PRIMARY EXAMINER**